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CONFIRMATION NO. 4446

<b>SERIAL NUMBER</b> 10/674,849	<b>FILING OR 371(c) DATE</b> 09/30/2003 <b>RULE</b>	<b>CLASS</b> 360	<b>GROUP ART UNIT</b> 2627	<b>ATTORNEY DOCKET NO.</b> HSJ9-2003-0075US1 (0107-0)	
<b>APPLICANTS</b> Hardayal Singh Gill, Palo Alto, CA;					
** CONTINUING DATA *****					
** FOREIGN APPLICATIONS *****					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> ** 12/22/2003					
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <u>                    </u> Examiner's Signature <u>                    </u> Initials <u>                    </u>		<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 30	<b>INDEPENDENT CLAIMS</b> 4
<b>ADDRESS</b> ATTN: John J. Oskorep One Magnificent Mile Center Suite 1400 980 N. Michigan Avenue Chicago, IL60611					
<b>TITLE</b> THIN DIFFERENTIAL SPIN VALVE SENSOR HAVING BOTH PINNED AND SELF PINNED STRUCTURES FOR REDUCED DIFFICULTY IN AFM LAYER POLARITY SETTING					
<b>FILING FEE RECEIVED</b> 1014	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		